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PTO/SB/08A (10-01)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/550,955
		Filing Date	04/17/2000
		First Named Inventor	James Xanthos et al.
		Art Unit	2685
		Examiner Name	R. Ward
		Attorney Docket Number	2506-005
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	1	EP 0 837 615	04/1998	AT&T Wireless Services, Inc.		
	2	FR 2 745 144	08/1997	Directique		
	3	EP 0 984 645	03/2000	Lucent Technologies, Inc.		

Examiner Signature	<i>Ronald J. Ward</i>	Date Considered	3/17/03
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/550,955
		Filing Date	04/17/2000
		First Named Inventor	James Xanthos et al.
		Group Art Unit	2685
		Examiner Name	R. Ward
Sheet 2	of 2	Attorney Docket Number	2506-005

[illegible]

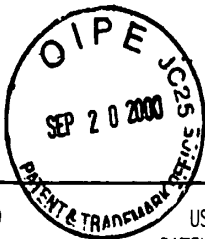
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Examiner Signature	<i>Robert J. Ward</i>	Date Considered	3/17/03
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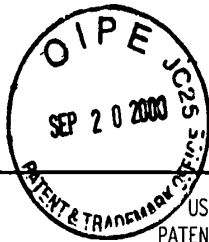
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO.2506-005		APPLICATION NO. 09/556,955	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT James Xanthos <i>et al.</i>		RECEIVED SEP 26 2000 TECH CENTER 2700 FILING DATE IF APPROPRIATE	
				FILING DATE 04/17/00			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
<i>mw</i>	1	5.557.748	09/1996	Norris	395	200.10	
	2	5.657.450	08/1997	Roa <i>et al.</i>	395	610	
	3	5.796.952	08/1998	Davis <i>et al.</i>	395	200.54	
	4	5.842.224	11/1998	Fenner	711	202	
	5	5.884.244	03/1999	Phaal	702	186	
	6	5.928.306	07/1999	France <i>et al.</i>	701	207	
	7	5.959.577	09/1999	Fan <i>et al.</i>	342	357.13	
	8	5.987.320	11/1999	Bobick	455	423	
	9	6.003.079	12/1999	Friedrich <i>et al.</i>	709	224	
	10	6.006.260	12/1999	Barrick, Jr. <i>et al.</i>	709	224	
	11	6.012.096	1/2000	Link <i>et al.</i>	709	233	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>✓</i>	12	ascom "Qvoice"	Brochure				
EXAMINER <i>Thomas J. Ward</i>					DATE CONSIDERED <i>3/17/03</i>		
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Form PTO-1449 (REV. 8-83)		U.S. Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 2506-005		APPLICATION NO. 09/550,355	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT James Xanthos <i>et al.</i>		RECEIVED SEP 26 2000 TECH CENTER 2700	
				FILING DATE 04/17/00			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
mw	13	TEMS™ Investigation	web pages found at http://www.ericsson.com/wireless/products/tems/invest/index.shtml ✓				
		3/28/00					
mw	14	Nemo Technologies	TOM (Tool for Outdoor Measurement Version 1.0) Product description V.1.0 ✓				
mw	15	Safeco Voice Print	Brochure and web pages found at http://www.safco.com/measurement/voiceprint.html ✓				
		3/22/00					
mw	16	cwt baseLINE and workBENCH	web pages found at http://www.comarco.com/html/fm_highlights.htm ✓				
		3/17/00					
mw	17	GRAYSON WIRELESS	web pages found at http://www.grayson.com/surveyor.html ✓				
		3/22/00					
mw	18	CELLTEST	"Field Test Solutions" brochure ✓				
mw	19	Ameritech Corp. SWARM brochure	web pages found at http://www.ameritec.com/databank/products/product_SWARM.html ✓				
		12/17/99					
EXAMINER <i>Ronald J. Putnam</i>						DATE CONSIDERED 3/17/03	
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET No. 2506-005		APPLICATION NO. 09/550,955	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT James Xanthos <i>et al.</i>			
				FILING DATE 04/17/00		GROUP 17	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
mw	20	Neopoint DataLogger-DV™	brochure ✓				
mw	21	Qualcomm's Retriever™ Pilot Scanner and Test Phone	brochure 1/1999 ✓				
mw	22	Qualcomm's QCTest™ CAIT CDMA Air Interface Tester	brochure 8/1999 ✓				
mw	23	Agilent "Test & Measurement"	web page found at http://www.tm.agilent.com/Products/English/DriveTestandMappingSystems.html ✓				
		3/28/00					
EXAMINER <i>Bonnie J. Ward</i>						DATE CONSIDERED <i>3/17/03</i>	
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